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TENNESSEE WILDLIFE RESOURCES AGENCY

REGION I
200 LOWELL THOMAS DRIVE
JACKSON, TENNESSEE 38301

To: Alan Peterson, Wildlife Manager 4

From: Jeff Martin

Subject: 2009 Vegetation Permits

Date: October 21, 2009

The intent of this memorandum is to provide an annual report on chemical control of aquatic plants at Reelfoot Lake W.M.A. by individuals to TDEC - Division of Water Pollution Control. The attached spreadsheet will provide the information on the individual permits. This report is required as part of the permitting process.

Twenty-five (25) permits were applied for and approved. This is a decrease of fourteen (14) from last year. High spring water levels and near pool lake levels all summer has slowed the growth of these aquatic plants.

All common and scientific names were adopted from the University of Florida - Center for Aquatic and Invasive Plants, except one local name was added. Swamp loosestrife is known as water willow. Scientific names of the plants are as follows:

Swamp loosestrife (water willow) - Decodon verticillatus

Water pennywort - Hydrocotyl rannunculoides

Fragrant water lilly - Nymphaea odorata

There are two (2) chemicals applied for use. Trade and chemical names are as follows:

Rodeo - glyphosphate

2,4, D - phenoxy carboxylic acid (numerous brand and trade names for both liquid and pellets)

See attached spreadsheet.

cc: Paul Brown
Pat Patrick- TDEC
Reelfoot File

The State of Tennessee

AN EQUAL OPPORTUNITY, EQUAL ACCESS, AFFIRMATIVE ACTION EMPLOYER

| APPLICANT | BLIND # | DATE | HERBECIDE | VEG. TYPE | PERMIT # |
|-----------------------|---------|----------|--------------|---------------------------|--------------|
| 1. TDOT | ? | 04/21/09 | app. aquatic | exotics | RVP/C-09-001 |
| 2. Joe Foxhall | R-183 | 03/30-09 | 2,4D/rodeo | pennywort | RVP/C-09-002 |
| 3. Joe Foxhall | R-185 | 03/30/09 | 2,4D/Rodeo | pennywort | RVP/C-09-003 |
| 4. Joe Foxhall | R-113 | 03/30/09 | 2,4D/Rodeo | pennywort | RVP/C-09-004 |
| 5. USFWS | ? | 04/30/09 | mechanical | maple | RVP/C-09-005 |
| 6. Patrick Johnson | R-75 | 05/04/09 | 2,4D/Rodeo | pennywort/ loosestrife | RVP/C-09-006 |
| 7. William Richardson | R-52 | 05/07/09 | Rodeo | pennywort | RVP/C-09-007 |
| 8. Billy Blakely | R-157 | 06/03/09 | Rodeo | pennywort | RVP/C-09-008 |
| 9. Jackie Vancleave | R-120 | 06/03/09 | Rodeo | pennywort | RVP/C-09-009 |
| 10. Mark Pierce | R-112 | 06/04/09 | Rodeo | pennywort | RVP/C-09-010 |
| 11. Mark Pierce | R-90 | 06/04/09 | Rodeo | pennywort | RVP/C-09-011 |
| 12. L.D. Faulkner | R-76 | 06/05/09 | Rodeo | pennywort | RVP/C-09-012 |
| 13. Rob Jordan | R-169 | 07/02/09 | Rodeo | pennywort | RVP/C-09-013 |
| 14. Brad Glass | R-87 | 07/02/09 | 2,4D | pennywort | RVP/C-09-014 |
| 15. Warren Douglas | R-67 | 07/06/09 | Rodeo | pennywort | RVP/C-09-015 |
| 16. John Fagan | R-37 | 07/14/09 | 2,4D | pennywort | RVP/C-09-016 |
| 17. Jeremy Barnes | R-126 | 07/16/09 | Rodeo | pennywort | RVP/C-09-017 |
| 18. Sammy Cooper | R-19 | 07/21/09 | mechanical | water willow | RVP/C-09-018 |

| | | | | | |
|----------------------|-------|----------|----------------------------------|-----------|--------------|
| 19. David Nance | R-193 | 07/23/09 | Rodeo | pennywort | RVP/C-09-019 |
| 20. Jim Rippy Jr. | R-48 | 08/04/09 | 2,4D | pennywort | RVP/C-09-020 |
| 21. Timmy Vancleave | R-16 | 08/05/09 | Rodeo | pennywort | RVP/C-09-021 |
| 22. Chris McCullough | RD-51 | 08/19/09 | Rodeo/mechanical storm debris | pennywort | RVP/C-09-022 |
| 23. Duane Baker | R-45 | 08/29/09 | Rodeo/mechanical | pennywort | RVP/C-09-023 |
| 24. Chad Hailey | R-122 | 10/15/09 | weedtrine-D | pennywort | RVP/C-09-024 |
| 25. Richard Spicer | R-181 | 10/15/09 | Rodeo | pennywort | RVP/C-09-025 |
| 26. William Koupa | R-33 | 10/15/09 | Rodeo | pennywort | RVP/C-09-026 |